



```

LL      RRRRRRRR  PPPPPPPP  TTTTTTTTTT  AAAAAA  BBBB8888
LL      RRRRRRRR  PPPPPPPP  TTTTTTTTTT  AAAAAA  BBBB8888
LL      RR        RR  PP        PP        AA        AA  BB        BB
LL      RR        RR  PP        PP        AA        AA  BB        BB
LL      RR        RR  PP        PP        AA        AA  BB        BB
LL      RRRRRRRR  PPPPPPPP  TT        TT        AA        AA  BBBB8888
LL      RRRRRRRR  PPPPPPPP  TT        TT        AA        AA  BBBB8888
LL      RR  RR    PP        TT        TT        AAAAAAAAAA  BB        BB
LL      RR  RR    PP        TT        TT        AAAAAAAAAA  BB        BB
LL      RR    RR  PP        TT        TT        AA        AA  BB        BB
LL      RR    RR  PP        TT        TT        AA        AA  BB        BB
LLLLLLLLLL  RR        PP        TT        AA        AA  BBBB8888
LLLLLLLLLL  RR        PP        TT        AA        AA  BBBB8888

```

```

LL      IIIIII  SSSSSSSS
LL      IIIIII  SSSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSSS
LL      II      SSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LLLLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLLLL  IIIIII  SSSSSSSS

```

MAC  
Sym  
REG  
REP  
REP  
RFH  
RFH  
RFH  
RFH  
RFH  
RGL  
SBT  
SET  
SGN  
SGN  
STA  
STA  
TIT  
VEC  
VEC  
VEC  
WAR  
WEA  
WOR  
XFE  
  
PSE  
---  
MAC  
  
Pha  
---  
Ini  
Com  
Pas  
Syn  
Pas  
Syn  
Pse  
Cro  
Ass  
  
The  
177  
The  
358  
0 p



(2)	47	State Table	Current token is compared to each state below.
(3)	132	Action Table	Next action the parser should perform.
(4)	212	Pop Table	Number of arguments to pop from parser stack.
(5)	241	LHS Table	Left Hand Side of the statement.
(6)	270	Semantic Action	Dispatch table to semantic action routines.

```
0000 1      .title mac$lrptab      VAX-11 Macro-32 Assembler Grammar Tables
0000 2      .ident 'V04-000'
0000 3
0000 4      :*****
0000 5      :
0000 6      :*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 20     :
0000 21     :*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0000 22     :*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 23     :
0000 24     :
0000 25     :*****
0000 26
0000 27     ++
0000 28
0000 29     Facility:
0000 30
0000 31         VAX-11 Macro Assembler
0000 32
0000 33     Abstract:
0000 34
0000 35         This module contains the grammar parsing tables for the VAX-11 Macro
0000 36         assembler.
0000 37
0000 38     Environment:
0000 39
0000 40         Native Mode, User Mode
0000 41
0000 42
0000 43     Creation Date: April, 1983      Michael T. Rhodes
0000 44
0000 45     --
```



```
0000 47 .sbtll State Table Current token is compared to each state below.
0000 48
00000000 49 .psect mac$parse_table, noexe, gbl, nowrt, long
0000 50 .align long
0000 51
00000000 52 null=0
00000000 53 mtxt1=null
00000000 54 mtxt2=null
0000 55
0000 56 pat$ab_symlst::
8F 8E 8D 8C 0D 8B 8A 89 01 0B 88 87 0000 57 .byte 135,-
57 56 98 97 4C 4B 4A 49 48 50 92 0C 000C 58 136, 11, 1, 137, 138, 139, 13, 140, 141, 142, 143, 12,-
63 52 51 60 54 99 58 67 68 66 62 61 0018 59 146, 80, 72, 73, 74, 75, 76, 151, 152, 86, 87, 97,-
4E 4F 53 76 77 9A 59 6A 69 6B 65 64 0024 60 98, 102, 104, 103, 88, 89, 153, 84, 96, 81, 82, 99, 100,-
94 85 5B 5C 7A 79 A0 7B 9F 9E 9D 9C 0030 61 101, 107, 105, 106, 89, 154, 119, 118, 83, 79, 156,-
82 81 39 3B 36 A5 A4 A2 12 0E 96 95 003C 62 157, 158, 159, 123, 160, 121, 122, 92, 91, 133, 148, 149,-
72 71 74 4D 6C 5D 5E 55 5A A1 A8 A6 0048 63 150, 14, 18, 162, 164, 165, 54, 59, 57, 129, 130, 166,-
7C 3C 38 47 46 75 84 70 6F 6E 6D 73 0054 64 168, 161, 90, 85, 94, 93, 108, 77, 116, 113, 114, 115,-
44 43 42 41 40 3F 83 3D AC AA 3E 7D 0060 65 109, 110, 111, 112, 132, 117, 70, 71, 56, 60, 124, 125,-
88 0A FD 37 33 78 35 34 80 7F 7E 45 006C 66 62, 170, 172, 61, 131, 63, 64, 65, 66, 67, 68, 69,-
91 04 90 0B FD 03 0B FC 88 0B FC 0B 0078 67 126, 127, 128, 52, 53, 120, 51, 55, -3, 10, 136, 11,-
21 2C B9 1A 20 B8 17 02 B7 31 2F B6 0084 68 -4, 11, 136, -4, 11, 3, -3, 11, 144, 4, 145, 182,-
B1 22 12 0C B0 A7 AE 30 2E 2B 93 2D 0090 69 47, 49, 183, 2, 23, 184, 32, 26, 185, 44, 33, 45,-
29 B3 28 23 27 24 26 2A 19 25 15 B2 009C 70 147, 43, 46, 48, 174, 167, 176, 12, 18, 34, 177, 178,-
FD 31 FD 13 FC 03 91 FD 03 0F 0B FD 00A8 71 21, 37, 25, 42, 38, 36, 39, 35, 40, 179, 41, -3,-
B1 22 12 0C B0 A7 AE 93 FD 21 FD 14 00B4 72 11, 15, 3, -3, 145, 3, -4, 19, -3, 49, -3, 20,-
1D 1C 1B 1A 19 AF FC 1A 19 25 15 B2 00C0 73 -3, 33, -3, 147, 174, 167, 176, 12, 18, 34, 177, 178,-
B1 22 12 0C 05 A7 FC AE FD 20 1F 1E 00CC 74 21, 37, 25, 26, -4, 175, 25, 26, 27, 28, 29, 30,-
FC 15 B2 B1 22 12 0C 05 A7 FC AE FD 20 1F 1E 00D8 75 31, 32, -3, 174, -4, 167, 5, 12, 18, 34, 177, 178,-
1F 1E 1D 1C 1B 1A 19 AF 05 05 16 FC 93 00E4 76 21, -4, 167, 5, 12, 18, 34, 177, 178,-
16 FC B5 16 B4 FD 32 31 B5 15 FD 20 00F0 77 -4, 22, 5, 175, 25, 26, 27, 28, 29, 30, 31, 32,-
FD 19 FD 01 18 FD 01 31 FC B5 FD 0F 00FC 78 -3, 21, 181, 49, 50, -3, 180, 22, 181, -4, 22, 15,-
31 FC 30 2E 2B 93 2D 21 31 B9 17 B8 0108 79 -3, 181, -4, 49, 1, -3, 24, 1, -3, 25, -3, 184,-
1C 1B 1A 19 AF FC 93 FD 19 FD 18 FD 0114 80 23, 185, 49, 33, 45, 147, 43, 46, 48, -4, 49, -3,-
1A 19 AF FC 93 FD 21 FD 20 1F 1E 1D 0120 81 24, -3, 25, -3, 147, -4, 175, 25, 26, 27, 28, 29,-
1B 1A 19 AF 17 FD 20 1F 1E 1D 1C 1B 012C 82 30, 31, 32, -3, 33, -3, 147, -4, 175, 25, 26, 27,-
FC 93 FD 18 FD 31 FD 20 1F 1E 1D 1C 0138 83 28, 29, 30, 31, 32, -3, 23, 175, 25, 26, 27, 28,-
31 FD 20 1F 1E 1D 1C 1B 1A 19 AF 17 0144 84 29, 30, 31, 32, -3, 29, 175, 25, 26, 27, 28,-
1D 1C 1B 1A 19 AF 17 FC 93 FD 18 FD 0150 85 175, 25, 26, 27, 28, 29, 30, 31, 32, -3, 49, -3,-
AF 17 FC 93 FD 18 FD 31 FD 20 1F 1E 015C 86 24, -3, 147, -4, 23, 175, 25, 26, 27, 28,-
18 FD 31 FD 20 1F 1E 1D 1C 1B 1A 19 0168 87 31, 32, -3, 49, -3, 24, -3, 147, -4, 23, 175,-
1A 19 AF FC 93 FD 18 FD 31 FD 17 FD 0174 88 26, 27, 28, 29, 30, 31, 32, -3, 49, -3, 24, -3,-
FD 10 FD 11 10 FD 20 1F 1E 1D 1C 1B 0180 89 23, -3, 49, -3, 24, -3, 147, -4, 175, 25, 26, 27,-
OF FD 02 0F 0C FC 0B FC 02 93 FD 11 018C 90 28, 29, 30, 31, 32, -3, 16, 17, -3, 16, -3, 17,-
1E 1D 1C 1B 1A 19 AF FC 93 FD 02 93 0198 91 -3, 147, 2, -4, 11, -4, 175, 25, 26, 27, 28, 29, 30, 31,-
20 1F 1E 1D 1C 1B 1A 19 AF FC 93 FD 20 1F 01A4 92 32, -3, 175, 25, 26, 27, 28, 29, 30, 31, 32, -3,-
20 1F 1E 1D 1C 1B 1A 19 AF FC 93 FD 01B0 93 147, -4, 175, 25, 26, 27, 28, 29, 30, 31, 32, -3,-
15 B2 B1 22 12 0C B0 A7 AE 93 0F FD 01BC 94 15, 147, 174, 167, 176, 12, 18, 34, 177, 178, 21, 37,-
FD 29 B3 28 23 27 24 26 2A 1A 19 25 01C8 95 25, 26, 42, 38, 36, 39, 35, 40, 179, 41, -3, 147,-
FD 20 1F 1E 1D 1C 1B 1A 19 AF FC 93 01D4 96 -4, 175, 25, 26, 27, 28, 29, 30, 31, 32, -3, 175,-
FD 0C FD 20 1F 1E 1D 1C 1B 1A 19 AF 01E0 97 25, 26, 27, 28, 29, 30, 31, 32, -3, 12, -3,-
B2 B1 22 12 0C B0 A7 AE 93 0F FD 0C 01EC 98 -3, 15, 147, 174, 167, 176, 12, 18, 34, 177, 178, 21,-
29 B3 28 23 27 24 26 2A 1A 19 25 01F8 99 37, 25, 26, 42, 38, 36, 39, 35, 40, 179, 41, -3,-
20 1F 1E 1D 1C 1B 1A 19 AF FC 93 FD 0204 100 147, -4, 175, 25, 26, 27, 28, 29, 30, 31, 32, -3,-
9B FD 20 1F 1E 1D 1C 1B 1A 19 AF FD 0210 101 175, 25, 26, 27, 28, 29, 30, 31, 32, -3, 155, 12,-
AF FC 02 93 FD 0C FD 0C FD 0F FD 0C 021C 102 -3, 15, -3, 12, -3, 12, -3, 147, 2, -4, 175, 25,-
```



2F	23	15	93	1A	1A	FD	1A	OF	BO	24	FC	1E	26	B1	93	19	FD	FC	OC	27	2F	1A
B6	2D	B2	FD	19	19	02	19	93	A7	26	04	1D	2A	22	FD	25	AF	06	B0	24	27	1A
21	B1	B1	29	25	19	0C	19	02	AE	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
2C	22	B3	B3	15	19	23	29	0B	A9	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
B9	12	28	28	23	19	23	29	0B	A9	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
1A	0C	B1	B3	22	19	23	29	0B	A9	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
20	27	24	24	27	19	23	29	0B	A9	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
1E	20	27	24	27	19	23	29	0B	A9	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
B8	0A	A7	24	27	19	23	29	0B	A9	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
1D	AE	30	26	24	19	23	29	0B	A9	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
1C	AE	30	26	24	19	23	29	0B	A9	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
1B	30	26	24	27	19	23	29	0B	A9	04	04	1B	15	12	29	15	FD	16	A7	26	27	1A
1A	2E	2B	25	26	2A	26	2A	02	93	02	93	02	93	02	93	02	93	02	93	02	93	02
19	2B	25	26	2A	26	2A	26	02	93	02	93	02	93	02	93	02	93	02	93	02	93	02
0228	0234	0240	024C	0258	0264	0270	027C	0288	0294	02A0	02AC	02B8	02C4	02D0	02DC	02E8	02F4	0300	030C	0318	0324	0330
104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126
26.	183.	46.	25.	167.	38.	28.	2.	28.	-4.	18.	35.	25.	-4.	32.	39.	21.	174.	42.	27.	21.	22.	34.
27.	2.	48.	42.	176.	36.	29.	-4.	29.	15.	34.	40.	26.	20.	-3.	35.	42.	167.	38.	28.	-3.	-4.	177.
28.	23.	174.	38.	12.	39.	30.	2.	30.	-4.	177.	27.	6.	167.	40.	38.	12.	176.	36.	29.	21.	22.	178.
29.	184.	167.	36.	18.	35.	31.	-4.	31.	17.	178.	41.	-3.	-4.	12.	36.	12.	179.	39.	30.	6.	6.	21.
30.	32.	176.	39.	34.	40.	32.	-4.	32.	-3.	21.	-3.	29.	175.	18.	41.	39.	18.	35.	31.	-3.	-4.	37.
31.	26.	12.	35.	177.	179.	-3.	11.	-3.	163.	37.	15.	30.	25.	34.	-3.	35.	34.	40.	32.	147.	173.	25.
32.	185.	18.	40.	178.	41.	145.	147.	11.	169.	25.	4.	31.	26.	177.	167.	40.	179.	177.	-3.	22.	147.	26.
-3.	44.	34.	179.	21.	-3.	-4.	-4.	2.	147.	26.	-3.	32.	27.	178.	12.	179.	178.	41.	12.	-4.	174.	42.
145.	33.	177.	41.	37.	175.	12.	175.	-3.	174.	42.	147.											



						035C	132	.sbttl	Action Table	Next action the parser should perform.													
						035C	133																
						035C	134	.align	long														
						035C	135																
						035C	136	pat\$aw_action::															
						035C	137	.word	118,-														
FFF6	007A	FFF9	FFFA	FFFC	FFFE	0076	035C	138	-2,	-4,	-6,	-7,	122,	-10,	-11,	125,	-14,	-15,	128,	391			
FFD4	FFD5	FFD6	FFD7	FFD8	018E	0187	036A																
		FFCF	FFD0	FFD1	FFD2	FFD3	0374	139	398,	-40,	-41,	-42,	-43,	-44,	-45,	-46,	-47,	-48,	-49,	-50			
01BD	0193	FFCA	FFCB	FFCC	FFCD	FFCE	0382																
		FFBD	FFBE	FFBF	FFC0	FFC1	038C	140	-51,	-52,	-53,	-54,	403,	445,	-63,	-64,	-65,	-66,	-67,	490			
021B	01EC	FFB8	FFB9	FFBA	FFBB	01EA	039A																
		FFAF	FFB0	FFB1	FFB2	0222	03A4	141	-69,	-70,	-71,	-72,	492,	539,	546,	-78,	-79,	-80,	-81,	548			
FFA2	0279	FFA7	0277	0257	0231	0224	03B2																
		0282	FF9E	FF9F	FFA0	FFA1	03BC	142	561,	599,	631,	-89,	633,	-94,	-95,	-96,	-97,	-98,	642,	655			
FF7A	FF7B	029A	0298	FFED	0292	028F	03CA																
		FF75	FF76	FF77	FF78	FF79	03D4	143	658,	-19,	664,	666,	-133,	-134,	-135,	-136,	-137,	-138,	-139,	723			
FF9B	FF9C	FF9D	FF92	02F3	02E3	02D3	03E2																
		FF8F	FF90	0314	FF91	FF9A	03EC	144	739,	755,	-110,	-99,	-100,	-101,	-102,	-111,	788,	-112,	-113,	-114			
FF7E	FF93	FF94	FF95	FF96	FF97	FF8E	03FA																
		FF6C	FF6D	FF6E	FFD9	FFDD	0404	145	-105,	-106,	-107,	-108,	-109,	-130,	-35,	-39,	-146,	-147,	-148,	-149			
FF88	FF6F	FF70	032A	0318	FF6A	FF6B	0412																
		FF83	FF84	FF85	FF86	FF87	041C	146	-150,	792,	810,	-144,	-145,	-120,	-121,	-122,	-123,	-124,	-125,	-126			
FF5E	FF5F	FF60	FF7F	FF80	FF81	FF82	042A																
		FFFD	FFFF	270F	FF53	FF5D	0434	147	-127,	-128,	-129,	-160,	-161,	-162,	-163,	-173,	9999,	-1,	-3,	-5			
FFF3	FFF4	0004	FFF7	FFF8	0004	FFFB	0442																
		FFEC	FFEE	00A9	FFF0	270F	044C	148	4,	-8,	-9,	4,	-12,	-13,	9999,	-16,	169,	-18,	-20,	176			
FF22	0100	FF24	FF25	FF26	00B6	00B0	045A																
		0119	017B	FF1E	0175	0108	0464	149	182,	-218,	-219,	-220,	256,	-222,	264,	373,	-226,	379,	281,	293			
FF41	FF4E	0164	0153	0142	0133	0125	0472																
		00DB	FF3C	FF3D	FF3E	00D2	047C	150	307,	322,	339,	356,	-178,	-191,	210,	-194,	-195,	-196,	219,	-198			
FF34	FF35	FF36	FF4B	FF4C	00E4	FF3A	048A																
		00F2	FF30	FF31	FF32	FF33	0494	151	228,	-180,	-181,	-202,	-203,	-204,	-205,	-206,	-207,	-208,	242,	9999			
FFEA	FFEB	270F	FFE9	00AD	FFEF	270F	04A2																
		270F	00B4	D81A	00B2	00B4	04AC	152	-17,	173,	-23,	9999,	-21,	-22,	132,	178,-10214,	180,	9999,	-243				
FF41	FF4E	00C6	270F	00B8	270F	FF0D	04BA																
		00DB	FF3C	FF3D	FF3E	00D2	04C4	153	9999,	184,	9999,	198,	-178,	-191,	210,	-194,	-195,	-196,	219,	-198			
00D0	00A0	FF4A	FF4B	FF4C	00E4	FF3A	04D2																
		FF45	FF46	FF47	FF48	FF49	04DC	154	228,	-180,	-181,	-182,	160,	208,	-183,	-184,	-185,	-186,	-187,	-188			
FF40	00BA	FF4D	D819	FF42	FF43	FF44	04EA																
		00DB	FF3C	FF3D	FF3E	FF3F	04F4	155	-189,	-190,-10215,	-179,	186,	-192,	-193,	-194,	-195,	-196,	219,	-198				
FF3D	FF3E	FF38	FF3B	00A0	00E4	FF3A	0502																
		00A0	00E4	FF3A	00DB	FF3C	050C	156	228,	160,	-197,	-200,	-194,	-195,	-196,	219,	-198,	228,	160,	230			
FF48	FF49	00D0	FF37	FF39	00B9	00E6	051A																
		FF43	FF44	FF45	FF46	FF47	0524	157	185,	-199,	-201,	208,	-183,	-184,	-185,	-186,	-187,	-188,	-189,	-190			
270F	FF29	FF2A	FF2D	00F7	270F	FF42	0532																
		FF2F	00F4	FF2C	FF2E	00FB	053C	158	9999,	247,	-211,	-214,	-215,	9999,	251,	-210,	-212,	244,	-209,	254			
270F	FF1B	0103	00F4	FF2B	270F	00FE	054A																
		D815	FF18	270F	FF1A	0106	0554	159	9999,	-213,	244,	259,	-229,	9999,	262,	-230,	9999,	-232,-10219,	-223				
0133	0125	0119	FF19	FF1D	0113	FF21	0562																
		0115	00B9	0164	0153	0142	056C	160	275,	-227,	-231,	281,	293,	307,	322,	339,	356,	185,	277,	9999			
00B9	011B	D812	FF18	270F	0117	270F	057A																
		FF46	FF47	FF48	FF49	00D0	0584	161	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,	-185,	-186,	-187				
270F	0127	D809	FF42	FF43	FF44	FF45	0592																
		FF48	FF49	00D0	00B9	0129	059C	162	-188,	-189,	-190,-10231,	295,	9999,	297,	185,	208,	-183,	-184,	-185				
D808	FF42	FF43	FF44	FF45	FF46	FF47	05AA																
							05B4	163	-186,	-187,	-188,	-189,	-190,-10232,	318,	208,	-183,	-184,	-185,	-186				



0140 D806	FF47	FF48	FF49	00D0	013E	05C2	164	-187,	-188,	-189,	-190,-10234,	320,	9999,	-235,	9999,	324,	185,	335	
	FF42	FF43	FF44	FF45	FF46	05CC													
FF45 FF46	00B9	0144	270F	FF15	270F	05DA	165	208,	-183,	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10238,	337,	9999	
	0151	D802	FF42	FF43	FF44	05F2													
00D0 0160	00B9	0155	270F	FF13	270F	05FC	166	-237,	9999,	341,	185,	352,	208,	-183,	-184,	-185,	-186,	-187,	-188
	FF45	FF46	FF47	FF48	FF49	060A													
FF12 270F	0162	D801	FF42	FF43	FF44	0614	167	-189,	-190,-10239,	354,	9999,	-238,	9999,	358,	185,	369,	208,	-183	
	00D0	0171	00B9	0166	270F	0622													
FF43 FF44	FF45	FF46	FF47	FF48	FF49	062C	168	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10240,	371,	9999,	-239,	9999	
	FF11	270F	0173	D800	FF42	063A													
270F FF1F	270F	0179	D83C	0177	270F	0644	169	375,-10180,	377,	9999,	-225,	9999,	381,	185,	208,	-183,	-184,	-185	
	FF48	FF49	00D0	00B9	017D	0652													
D80E FF42	FF43	FF44	FF45	FF46	FF47	065C	170	-186,	-187,	-188,	-189,	-190,-10226,	394,	396,	9999,	-25,-10022,	-29		
	D8DA	FFE7	270F	018C	018A	066A													
00E8 FFE6	00B9	FFE5	0191	D8D6	FFE3	0674	171	-10026,	401,	-27,	185,	-26,	232,	407,	433,	-58,	9999,	411,	423
	019B	270F	FFC6	01B1	0197	0682													
FF49 00D0	00B9	019D	00B9	FFC5	01A7	068C	172	-59,	185,	413,	185,	208,	-183,	-184,	-185,	-186,	-187,	-188,	-189
	FF44	FF45	FF46	FF47	FF48	069A													
FF47 FF48	FF49	00D0	D8BB	FF42	FF43	06A4	173	-190,-10053,	208,	-183,	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10054		
	FF42	FF43	FF44	FF45	FF46	06B2													
FF47 FF48	FF49	00D0	00B9	01B3	D8BA	06BC	174	435,	185,	208,	-183,	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10055	
	FF42	FF43	FF44	FF45	FF46	06CA													
FF3E 00D2	FF41	FF4E	01E0	01D4	D8B9	06D4	175	468,	480,	-178,	-191,	210,	-194,	-195,	-196,	219,	-198,	228,	-180
	00E4	FF3A	00DB	FF3C	FF3D	06E2													
FF33 FF34	FF35	FF36	FF4A	FF4B	FF4C	06EC	176	-181,	-182,	-202,	-203,	-204,	-205,	-206,	-207,	-208,	242,-10058,	470	
	D8B6	00F2	FF30	FF31	FF32	06FA													
FF46 FF47	FF48	FF49	00D0	00B9	01D6	0704	177	185,	208,	-183,	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10059,	208	
	D8B5	FF42	FF43	FF44	FF45	0712													
FF44 FF45	FF46	FF47	FF48	FF49	00D0	071C	178	-183,	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10060,	-68,	9999,	494	
	270F	FFBC	D8B4	FF42	FF43	072A													
00D2 FF41	FF4E	0211	0205	270F	01EE	0734	179	9999,	517,	529,	-178,	-191,	210,	-194,	-195,	-196,	219,	-198,	228
	FF3A	00DB	FF3C	FF3D	FF3E	0742													
FF34 FF35	FF36	FF4A	FF4B	FF4C	00E4	074C	180	-180,	-181,	-182,	-202,	-203,	-204,	-205,	-206,	-207,	-208,	242,-10071	
	00F2	FF30	FF31	FF32	FF33	075A													
FF47 FF48	FF49	00D0	00B9	0207	D8A9	0764	181	519,	185,	208,	-183,	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10072	
	FF42	FF43	FF44	FF45	FF46	0772													
FF45 FF46	FF47	FF48	FF49	00D0	D8A8	077C	182	208,	-183,	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10073,	542,	-103	
	021E	D8A7	FF42	FF43	FF44	078A													
FFB3 270F	FF98	D8A6	0220	270F	FF99	0794	183	9999,	544,-10074,	-104,	9999,	-77,	9999,	551,	-83,	185,	208,	-183	
	00D0	00B9	FFAD	0227	270F	07A2													
FF43 FF44	FF45	FF46	FF47	FF48	FF49	07AC	184	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10080,	-85,	176,	182,	-218	
	00B6	00B0	FFAB	D8A0	FF42	07BA													
0175 0108	FF22	0100	FF24	FF25	FF26	07C4	185	-219,	-220,	256,	-222,	264,	373,	-226,	379,	281,	293,	307,	322
	0133	0125	0119	017B	FF1E	07D2													
FF3E 00D2	FF41	FF4E	0164	0153	0142	07DC	186	339,	356,	-178,	-191,	210,	-194,	-195,	-196,	219,	-198,	228,	-180
	00E4	FF3A	00DB	FF3C	FF3D	07EA													
FF32 FF33	FF34	FF35	FF36	FF4B	FF4C	07F4	187	-181,	-202,	-203,	-204,	-205,	-206,	-207,	-208,	242,-10082,	621,	-178	
	026D	D89E	00F2	FF30	FF31	0802													
00DB FF3C	FF3D	FF3E	00D2	FF41	FF4E	080C	188	-191,	210,	-194,	-195,	-196,	219,	-198,	228,	-180,	-181,	-182,	-202
	FF4A	FF4B	FF4C	00E4	FF3A	081A													
FF30 FF31	FF32	FF33	FF34	FF35	FF36	0824	189	-203,	-204,	-205,	-206,	-207,	-208,	242,-10084,	208,	-183,	-184,	-185	
	FF48	FF49	00D0	D89C	00F2	0832													
D89B FF42	FF43	FF44	FF45	FF46	FF47	083C	190	-186,	-187,	-188,	-189,	-190,-10085,	-88,	132,	636,	-91,	9999,	639	
	270F	FFA5	027C	00B4	FFA8	084A													
FFE1 00E8	FFA3	FFA6	00B9	FFA4	027F	0854	191	-92,	185,	-90,	-93,	232,	-31,	645,	185,	208,	-183,	-184,	-185
	FF48	FF49	00D0	00B9	0285	0862													



D8D0	FF42	FF43	FF44	FF45	FF46	FF47	086C	192	-186,	-187,	-188,	-189,	-190,-10032,	-32,	-33,	9999,	662,	-37,	-38	
		FFDB	0296	270F	FFDF	FFEO	087A													
02B2	270F	FFE2	00E8	FFDC	00B9	FFDA	0884	193	185,	-36,	232,	-30,	9999,	690,	706,	713,	-178,	-191,	210,	-194
		00D2	FF41	FF4E	02C9	02C2	0892													
FF4C	00E4	FF3A	00DB	FF3C	FF3D	FF3E	089C	194	-195,	-196,	219,	-198,	228,	-180,	-181,	-182,	-202,	-203,	-204,	-205
		FF34	FF35	FF36	FF4A	FF4B	08AA													
02B5	D86E	00F2	FF30	FF31	FF32	FF33	08B4	195	-206,	-207,	-208,	242,-10130,	693,	-156,-10129,	696,	-157,	185,	208		
		00B9	FF63	02B8	D86F	FF64	08C2													
FF44	FF45	FF46	FF47	FF48	FF49	00D0	08CC	196	-183,	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10153,	708,-10149,	710		
		D85B	02C4	D857	FF42	FF43	08DA													
FF49	00D0	00E8	FF67	FF68	00B9	02C6	08E4	197	185,	-152,	-153,	232,	208,	-183,	-184,	-185,	-186,	-187,	-188,	-189
		FF44	FF45	FF46	FF47	FF48	08F2													
FF3C	FF3D	FF3E	FF74	D858	FF42	FF43	08FC	198	-190,-10152,	-140,	-194,	-195,	-196,	219,	-198,	228,	-202,	-203,	-204	
		FF35	FF36	00E4	FF3A	00DB	090A													
D865	00F2	FF30	FF31	FF32	FF33	FF34	0914	199	-205,	-206,	-207,	-208,	242,-10139,	-142,	-194,	-195,	-196,	219,	-198	
		00DB	FF3C	FF3D	FF3E	FF72	0922													
FF32	FF33	FF34	FF35	FF36	00E4	FF3A	092C	200	228,	-202,	-203,	-204,	-205,	-206,	-207,	-208,	242,-10141,	778,	-119	
		030A	D863	00F2	FF30	FF31	093A													
FF3C	FF3D	FF3E	00D2	FF41	FF4E	FF89	0944	201	-178,	-191,	210,	-194,	-195,	-196,	219,	-198,	228,	-180,	-181,	-182
		FF4B	FF4C	00E4	FF3A	00DB	0952													
FF31	FF32	FF33	FF34	FF35	FF36	FF4A	095C	202	-202,	-203,	-204,	-205,	-206,	-207,	-208,	242,-10115,	208,	-183,	-184	
		FF49	00D0	D87D	00F2	FF30	096A													
FF42	FF43	FF44	FF45	FF46	FF47	FF48	0974	203	-185,	-186,	-187,	-188,	-189,	-190,-10116,	790,	9999,	-115,-10114,	795		
		D87E	FF8D	270F	0316	D87C	0982													
0321	D853	FF56	031E	D854	0324	031B	098C	204	804,-10156,	798,	-170,-10157,	801,	-167,	185,	-165,	-169,	232,	807		
		00E8	FF57	FF5B	00B9	FF59	099A													
0341	00E8	FF58	FF5C	00B9	FF5A	0327	09A4	205	-166,	185,	-164,	-168,	232,	833,	849,	-178,	-191,	210,	-194,	-195
		FF3E	00D2	FF41	FF4E	0351	09B2													
FF4B	FF4C	00E4	FF3A	00DB	FF3C	FF3D	09BC	206	-196,	219,	-198,	228,	-180,	-181,	-182,	-202,	-203,	-204,	-205,	-206
		FF33	FF34	FF35	FF36	FF4A	09CA													
FF50	0344	D846	00F2	FF30	FF31	FF32	09D4	207	-207,	-208,	242,-10170,	836,	-176,-10169,	839,	-177,	185,	208,	-183		
		00D0	00B9	FF4F	0347	D847	09E2													
FF43	FF44	FF45	FF46	FF47	FF48	FF49	09EC	208	-184,	-185,	-186,	-187,	-188,	-189,	-190,-10173,	208,	-183,	-184,	-185	
		FF48	FF49	00D0	D843	FF42	09FA													
D844	FF42	FF43	FF44	FF45	FF46	FF47	0A04	209	-186,	-187,	-188,	-189,	-190,-10172,	0						
					0000		0A12													
							0A14	210												

[illegible]



												OB09	241	.sbtbl	LHS Table	Left Hand Side of the statement.													
												OB09	242																
												OB09	243	.align	long														
												OB0C	244																
												OB0C	245	pat\$ab_lhs::															
												OB0C	246	byte	0,-														
88	88	88	88	88	87	87	87	87	87	86	00	OB0C	247	134,	135,	135,	135,	135,	135,	136,	136,	136,	136,	136,	136,-				
90	90	90	90	8F	89	89	89	88	88	88	88	OB18	248	136,	136,	136,	137,	137,	137,	143,	144,	144,	144,	144,	138,-				
94	95	8D	8D	8D	92	92	92	8B	8B	8A	8A	OB24	249	138,	139,	139,	146,	146,	146,	141,	141,	141,	149,	148,	142,-				
8C	8C	8C	8C	8C	8C	8C	8C	96	8E	8E	8E	OB30	250	142,	142,	150,	140,	140,	140,	140,	140,	140,	140,	140,	140,-				
8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	OB3C	251	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,-				
8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	OB48	252	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,-				
8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	OB54	253	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,-				
8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	8C	OB60	254	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,	140,-				
9F	9F	9F	9B	9B	9A	9A	9A	9A	8C	8C	8C	OB6C	255	140,	140,	154,	154,	154,	154,	155,	155,	159,	159,	159,	159,-				
98	98	98	9D	9D	9E	9E	9E	9C	99	9F	9F	OB78	256	159,	153,	156,	158,	158,	158,	157,	157,	152,	152,	152,	161,-				
97	A0	A1	A1	A1	A1	A1	A1	A1	A1	A1	A1	OB84	257	161,	161,	161,	161,	161,	161,	161,	161,	161,	160,	151,	151,-				
97	97	97	97	97	97	97	97	97	97	97	97	OB90	258	151,	151,	151,	151,	151,	151,	151,	151,	151,	151,	151,	166,-				
A9	A9	A3	A3	A3	A2	A2	A2	A2	A2	A8	A6	OB9C	259	168,	162,	162,	162,	162,	162,	163,	163,	163,	169,	169,	169,-				
AB	AB	AB	AB	AA	AA	AA	AA	A4	A4	A9	A9	OBAB	260	169,	164,	164,	170,	170,	170,	170,	171,	171,	171,	171,	171,-				
93	93	AD	AD	AD	AD	AC	A5	A5	AB	AB	AB	OBBA	261	171,	171,	165,	165,	172,	173,	173,	173,	173,	147,	147,	176,-				
AE	AF	AF	AF	AF	AF	AF	AF	AF	B0	B0	B0	OBCC	262	176,	176,	175,	175,	175,	175,	175,	175,	175,	174,	174,	174,-				
B1	B1	A7	A7	A7	A7	A7	A7	A7	A7	AE	AE	OBCC	263	174,	167,	167,	167,	167,	167,	167,	167,	167,	177,	177,	177,-				
B5	B5	B4	B4	B3	B3	B3	B2	B2	B2	B1	B1	OBDB	264	177,	178,</														

.sbttl Semantic Action Dispatch table to semantic action routines.

.align long

pat\$al\_sem::  
.long 0-

00000000 00000000'00000000	OC01 270	.GOAL	.MTXT1	.MTXT2
00000000'00000000'00000000	OC01 271	.MTXT3	.MTXT4	.ERRMRS
00000000 00000000'00000000	OC01 272	.STAT1	.0	.0
00000000'00000000'00000000	OC04 273	.0	.STAT4	.0
00000000 00000000'00000000	OC04 274	.ERRDOL	.0	.0
00000000'00000000'00000000	OC04 275	.0	.OPRAND	.ERRMST
00000000 00000000'00000000	OC10 276	.MINST1	.ERRREF	.OPRAND
00000000'00000000'00000000	OC10 277	.ERRREF	.ASSGN1	.LBL1
00000000 00000000'00000000	OC1C 278	.LBL2	.ASSHD2	.ERRASN
00000000'00000000'00000000	OC28 279	.ASSHD1	.IF	.ASSHD3
00000000 00000000'00000000	OC34 280	.IFSPL	.IFHD1	.IFSUNT
00000000'00000000'00000000	OC40 281	.0	.ERRIIF	.IIF1
00000000 00000000'00000000	OC4C 282	.IIF2	.IFF	.IIF
00000000'00000000'00000000	OC58 283	.MACRO	.IRP	.IFT
00000000 00000000'00000000	OC64 284	.IFTF	.0	.IRPC
00000000'00000000'00000000	OC70 285	.0	.LIST	.DSABL
00000000 00000000'00000000	OC7C 286	.ENABL	.CSAVE	.NLIST
00000000'00000000'00000000	OC88 287	.PSECT	.ENTRY2	.CRESTO
00000000 00000000'00000000	OC94 288	.ENTRY1	.ERRENT	.ERRENT
00000000'00000000'00000000	OCA0 289	.ERRENT	.ALIGN2	.ALIGN1
00000000 00000000'00000000	OCAC 290	.ALIGN2	.MCALL	.DELETE
00000000'00000000'00000000	OCB8 291	.LIBRY	.NCHR	.MEXIT
00000000 00000000'00000000	OCC4 292	.NARG	.TITLE	.PAGE
00000000'00000000'00000000	OCDO 293	.SBTTL	.VECTR1	.IDENT
00000000 00000000'00000000	OCDC 294	.VECTRO	.XFER	.VECTR2
00000000'00000000'00000000	OCE8 295	.0	.BDEND2	.ENDPRG
00000000 00000000'00000000	OCF4 296	.BDEND1	.ERREPT	.ENDC
00000000'00000000'00000000	OD00 297	.REPT	.ERROR1	.NTYPE1
00000000 00000000'00000000	OD0C 298	.NTYPE2	.SETDFL	.ERROR2
00000000'00000000'00000000	OD18 299	.DREF	.ERROPD	.DFNOPC
00000000 00000000'00000000	OD24 300	.ERROPD	.CRODSB	.ERROPD
00000000'00000000'00000000	OD30 301	.CROENB	.LINK	.ODD
00000000 00000000'00000000	OD3C 302	.EVEN	.EXTRN	.DEBUG
00000000'00000000'00000000	OD48 303	.GLOBAL	.IDLIST	.WEAK
00000000 00000000'00000000	OD54 304	.IDLIST	.RFHD4	.RFHD1
00000000'00000000'00000000	OD60 305	.RFHD2	.ALIGN	.RFHD8
00000000 00000000'00000000	OD6C 306	.RFHD16	.PRINT	.REPTH
00000000'00000000'00000000	OD78 307	.ERROR	.NTHD2	.WARN
00000000 00000000'00000000	OD84 308	.NTHD1	.ERRBLK	.BSTAT1
00000000'00000000'00000000	OD90 309	.BSTAT2	.BLKQUD	.BLKLNG
00000000 00000000'00000000	OD9C 310	.BLKBYT	.BLKQUD	.BLKLNG
00000000'00000000'00000000	ODA8 311	.BLKLNG	.BLKQUD	.BLKWRD
00000000 00000000'00000000	ODB4 312	.BLKQUD	.BLKQCT	.BLKQCT
00000000'00000000'00000000	ODC0 313	.REPTH	.0	.DATNUL
00000000 00000000'00000000	ODCC 314	.0	.DOUBLE	.PACKED
00000000'00000000'00000000	ODE4 315	.FLOAT	.QUSTR	.GFLOAT
00000000 00000000'00000000	ODE8 316	.HFLOAT	.DATNUL	.DATNUL
00000000'00000000'00000000	ODFC 317	.OCTSTR	.QUAD	.QUAD
00000000 00000000'00000000	OE08 318	.OCTA	.BYTE	.LONG
00000000'00000000'00000000	OE14 319	.SGNBYT	.SGNWRD	.WORD
00000000 00000000'00000000	OE20 320	.DALST1	.DALST2	.ERRDAR
00000000'00000000'00000000	OE2C 321			
00000000 00000000'00000000	OE38 322			
00000000'00000000'00000000	OE44 323			
00000000 00000000'00000000	OE50 324			
00000000'00000000'00000000	OE5C 325			



00000000'00000000'00000000'	0E68	327	,DATARG	,DATARG	,ERRDAR
00000000'00000000'00000000'	0E74	328	,ERRDAR	,CHARHD	,CHARHD
00000000'00000000'00000000'	0E80	329	,ASCII	,ASCII	,ASCID
00000000'00000000'00000000'	0E8C	330	,ASCIC	,CHRARG	,CHRARG
00000000'00000000'00000000'	0E98	331	,CHRNUL	,CHRNUL	,ERRCHA
00000000'00000000'00000000'	0EA4	332	,ERRCHA	,ERRCHA	,0
00000000'00000000'00000000'	0EB0	333	,ERRADR	,ADDRES	,STOADR
00000000'00000000'00000000'	0EBC	334	,STOADR	,ERRADR	,ERRADR
00000000'00000000'00000000'	0EC8	335	,0	,EXPBIN	,OPCOM
00000000'00000000'00000000'	0ED4	336	,OPSAME	,OPNEG	,OPPLUS
00000000'00000000'00000000'	0EE0	337	,OPMINU	,OPMUL	,OPDIV
00000000'00000000'00000000'	0EEC	338	,OPAND	,OPOR	,OPXOR
00000000'00000000'00000000'	0EF8	339	,OPASH	,0	,PRMUN
00000000'00000000'00000000'	0F04	340	,ERREXP	,PRMSYM	,PRMPC
00000000'00000000'00000000'	0F10	341	,PRMINT	,PRMRDX	,0
00000000'00000000'00000000'	0F1C	342	,PRMBRK	,ERREXP	,ERREXP
00000000'00000000'00000000'	0F28	343	,RDXHEX	,RDXDEC	,RDXBIN
00000000'00000000'00000000'	0F34	344	,RDXOCT	,NUMASC	,NUMFLT
00000000'00000000'00000000'	0F40	345	,0	,MASK	,MASKNL
00000000'00000000'00000000'	0F4C	346	,MASKX	,RGLST1	,REGLST
00000000'00000000'00000000'	0F58	347	,0	,0	,REF1
00000000'00000000'00000000'	0F64	348	,LITERL	,REF2	,REF3
00000000'00000000'00000000'	0F70	349	,ERRREF	,RDEFER	,AUTOI
00000000'00000000'00000000'	0F7C	350	,AUTOI1	,AUTOI3	,AUTODC
00000000'00000000'00000000'	0F88	351	,DISP	,DISP1	,GENLDS
00000000'00000000'00000000'	0F94	352	,ERRBRF	,ERRBRF	,ERRBRF
00000000'00000000'00000000'	0FA0	353	,AINC1	,AINC2	,AINC3
00000000'00000000'00000000'	0FAC	354	,DISPL1	,DISPL2	,DISPL3
00000000'00000000'00000000'	0FB8	355	,DISPL4	,DISPL5	,DISPL6
00000000'00000000'00000000'	0FC4	356	,DISPL7	,DISPL8	,INDEX
00000000'00000000'00000000'	0FD0	357	,0		
00000000'00000000'00000000'	0FD8	358	.end		

ADDRESS	*****	X	01	ENDC	*****	X	01	MCALL	*****	X	01
AINC1	*****	X	01	ENDPRG	*****	X	01	MEXIT	*****	X	01
AINC2	*****	X	01	ENTRY1	*****	X	01	MINST1	*****	X	01
AINC3	*****	X	01	ENTRY2	*****	X	01	MTXT1	= 00000000		
ALIGN	*****	X	01	ERRADR	*****	X	01	MTXT2	= 00000000		
ALIGN1	*****	X	01	ERRASN	*****	X	01	MTXT3	*****	X	01
ALIGN2	*****	X	01	ERRBLK	*****	X	01	MTXT4	*****	X	01
ASCIC	*****	X	01	ERRBRF	*****	X	01	NARG	*****	X	01
ASCID	*****	X	01	ERRCHA	*****	X	01	NCHR	*****	X	01
ASCII	*****	X	01	ERRDAR	*****	X	01	NLIST	*****	X	01
ASCII2	*****	X	01	ERRDOL	*****	X	01	NTHD1	*****	X	01
ASSGN1	*****	X	01	ERRENT	*****	X	01	NTHD2	*****	X	01
ASSHD1	*****	X	01	ERREPT	*****	X	01	NTYPE1	*****	X	01
ASSHD2	*****	X	01	ERREXP	*****	X	01	NTYPE2	*****	X	01
ASSHD3	*****	X	01	ERRIIF	*****	X	01	NULL	= 00000000		
AUTODC	*****	X	01	ERRMRS	*****	X	01	NUMASC	*****	X	01
AUTOI	*****	X	01	ERRMST	*****	X	01	NUMFLT	*****	X	01
AUTOI3	*****	X	01	ERROPD	*****	X	01	OCTA	*****	X	01
AUTOI1	*****	X	01	ERROR	*****	X	01	OCTSTR	*****	X	01
BDEND1	*****	X	01	ERROR1	*****	X	01	ODD	*****	X	01
BDEND2	*****	X	01	ERROR2	*****	X	01	OPAND	*****	X	01
BLKBYT	*****	X	01	ERRREF	*****	X	01	OPASH	*****	X	01
BLKLNG	*****	X	01	EVEN	*****	X	01	OPCOM	*****	X	01
BLKOCT	*****	X	01	EXPBIN	*****	X	01	OPDIV	*****	X	01
BLKQUD	*****	X	01	EXTRN	*****	X	01	OPMINU	*****	X	01
BLKWRD	*****	X	01	FLOAT	*****	X	01	OPMUL	*****	X	01
BSTAT1	*****	X	01	GENLDS	*****	X	01	OPNEG	*****	X	01
BSTAT2	*****	X	01	GFLOAT	*****	X	01	OPOR	*****	X	01
BYTE	*****	X	01	GLOBAL	*****	X	01	OPPLUS	*****	X	01
CHARHD	*****	X	01	GOAL	*****	X	01	OPRAND	*****	X	01
CHRG	*****	X	01	HFLOAT	*****	X	01	OPSAME	*****	X	01
CHRNUL	*****	X	01	IDENT	*****	X	01	OPXOR	*****	X	01
CRESTO	*****	X	01	IDLIST	*****	X	01	PACKED	*****	X	01
CRODSB	*****	X	01	IF	*****	X	01	PAGE	*****	X	01
CROENB	*****	X	01	IFF	*****	X	01	PAT\$AB_LHS	00000B0C	RG	01
CSAVE	*****	X	01	IFHD1	*****	X	01	PAT\$AB_POP	00000A14	RG	01
DALST1	*****	X	01	IFSPL	*****	X	01	PAT\$AB_SYMLST	00000000	RG	01
DALST2	*****	X	01	IFSUNT	*****	X	01	PAT\$AL_SEM	00000C04	RG	01
DATARG	*****	X	01	IFT	*****	X	01	PAT\$AW_ACTION	0000035C	RG	01
DATNUL	*****	X	01	IFTF	*****	X	01	PRINT	*****	X	01
DEBUG	*****	X	01	IIF	*****	X	01	PRMBRK	*****	X	01
DELETE	*****	X	01	IIF1	*****	X	01	PRMINT	*****	X	01
DFNOPC	*****	X	01	IIF2	*****	X	01	PRMPC	*****	X	01
DIRREF	*****	X	01	INDEX	*****	X	01	PRMRDX	*****	X	01
DISP	*****	X	01	IRP	*****	X	01	PRMSYM	*****	X	01
DISP1	*****	X	01	IRPC	*****	X	01	PRMUN	*****	X	01
DISPL1	*****	X	01	LBL1	*****	X	01	PSECT	*****	X	01
DISPL2	*****	X	01	LBL2	*****	X	01	QUAD	*****	X	01
DISPL3	*****	X	01	LIBRY	*****	X	01	QUDSTR	*****	X	01
DISPL4	*****	X	01	LINK	*****	X	01	RDEFER	*****	X	01
DISPL5	*****	X	01	LIST	*****	X	01	RDXBIN	*****	X	01
DISPL6	*****	X	01	LITERL	*****	X	01	RDXDEC	*****	X	01
DISPL7	*****	X	01	LONG	*****	X	01	RDXHEX	*****	X	01
DISPL8	*****	X	01	MACRO	*****	X	01	RDXOCT	*****	X	01
DOUBLE	*****	X	01	MASK	*****	X	01	REF1	*****	X	01
DSABL	*****	X	01	MASKNL	*****	X	01	REF2	*****	X	01
ENABL	*****	X	01	MASKX	*****	X	01	REF3	*****	X	01



MAC\$LRPTAB  
Symbol table

VAX-11 Macro-32 Assembler Grammar Tables K 5  
16-SEP-1984 01:53:54 VAX/VMS Macro V04-00  
5-SEP-1984 01:48:48 [MACRO.SRC]LRPTAB.MAR;1

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(6)

REGLST	*****	X	01
REPT	*****	X	01
REPTH	*****	X	01
RFHD1	*****	X	01
RFHD16	*****	X	01
RFHD2	*****	X	01
RFHD4	*****	X	01
RFHD8	*****	X	01
RGLST1	*****	X	01
SBTTL	*****	X	01
SETDFL	*****	X	01
SGNBYT	*****	X	01
SGNWRD	*****	X	01
STAT1	*****	X	01
STAT4	*****	X	01
STOADR	*****	X	01
TITLE	*****	X	01
VECTRO	*****	X	01
VECTR1	*****	X	01
VECTR2	*****	X	01
WARN	*****	X	01
WEAK	*****	X	01
WORD	*****	X	01
XFER	*****	X	01

+-----+  
! Psect synopsis !  
+-----+

PSECT name	Allocation	PSECT No.	Attributes															
ABS	00000000 ( 0.)	00 ( 0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE					
MAC\$PARSE_TABLE	00000FD8 ( 4056.)	01 ( 1.)	NOPIC	USR	CON	REL	GBL	NOSHR	NOEXE	RD	NOWRT	NOVEC	LONG					

+-----+  
! Performance indicators !  
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	41	00:00:00.03	00:00:03.02
Command processing	151	00:00:00.37	00:00:03.53
Pass 1	115	00:00:02.11	00:00:08.32
Symbol table sort	0	00:00:00.14	00:00:00.32
Pass 2	120	00:00:00.77	00:00:03.50
Symbol table output	17	00:00:00.05	00:00:00.45
Psect synopsis output	1	00:00:00.01	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	447	00:00:03.50	00:00:19.17

The working set limit was 1050 pages.  
17775 bytes (35 pages) of virtual memory were used to buffer the intermediate code.  
There were 10 pages of symbol table space allocated to hold 195 non-local and 0 local symbols.  
358 source lines were read in Pass 1, producing 25 object records in Pass 2.  
0 pages of virtual memory were used to define 0 macros.

+-----+  
! Macro library statistics !  
+-----+

Macro library name	Macros defined
-----	-----
\$255\$DUA28:[MACRO.OBJ]MACRO.MLB;1	0
\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0
TOTALS (all libraries)	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS\$:LRPTAB/OBJ=OBJ\$:LRPTAB MSRC\$:LRPTAB/UPDATE=(ENH\$:LRPTAB)+LIB\$:MACRO/LIB



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VAX/VMS V4.0

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